OIPE JC15
OCT 28 2004
PATENT & TRADEMARK OFFICE

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1 shs

Application Number	10/822,051
Filing Date	4/10/2004
First Named Inventor	Ronald John Rosenberger
Group Art Unit	3728
Examiner Name	
Attorney Docket Number	

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
JK		5,924,221		Schuver et al	7/20/99	
		4,604,604		Mann	8/5/86	
		6,050,007		Angelieri et al	4/18/00	
		5,603,367		Watenabe	2/19/97	
		6,334,974		Chen	1/1/02	
		3,991,802		Yokoda et al	11/16/76	
		5,845,797		Sudo et al	12/8/98	
		5,957,136		Magidson et al	9/28/99	
		6,344,160		Holzberg	2/5/02	
V		4,009,624		Nishino	3/1/77	

Examiner Signature	JK	Date Considered	11/9/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.